

Table S10 4.3.3. Relative expression levels (log fold change) of defense-related genes by strain PDS1 and KA9 different treatments in chilli leaf tissue following rhizobacteria inoculation and pathogen challenge after 48 hours.

Defense-related genes	Relative expression levels (log fold change) Minus ddCT					
	Mock	RS	KA-9+ RS	PDS-1 + RS	KA-9+PDS-1 + RS	CC
PAL	0.5 ^b	2.04 ^a	2.75 ^a	2.59 ^a	3.25 ^a	4.28 ^a
POD	0.3 ^d	1.96 ^c	1.99 ^b	2.1 ^b	2.39 ^c	3.15 ^c
SOD	1 ^a	2.03 ^a	1 ^h	1.62 ^d	2.7 ^b	3.6 ^b
WRKYa	0.2 ^e	0.32 ^h	0.8 ^k	0.82 ⁱ	1.2 ^g	1.9 ^h
PAL1	-0.5 ^g	0.86 ^f	1.5 ^d	1.9 ^c	1.57 ^h	2 ^g
DEF1	-1.5 ^h	1.2 ^d	1.7 ^c	0.9 ^h	1.61 ^g	3 ^d
CAT2	-0.9 ⁱ	0.6 ^g	1.2 ^f	1.34 ^e	1.91 ^d	2.7 ^e
WRKY40	0.4 ^c	-0.65 ⁱ	1.3 ^e	1.4 ^f	0.9 ⁱ	1.5 ⁱ
HSFC1	0.2 ^f	0.9 ^e	0.9 ⁱ	0.8 ^j	1.5 ^f	0.87 ^j
LOX2	1 ^a	1.98 ^b	1.07 ^g	1.04 ^g	1.84 ^e	-0.66 ^k
NPR1	0.2 ^f	-0.93 ^k	0.67 ^j	-0.22 ^k	0.74 ^j	2.15 ^f